

FIG. 1

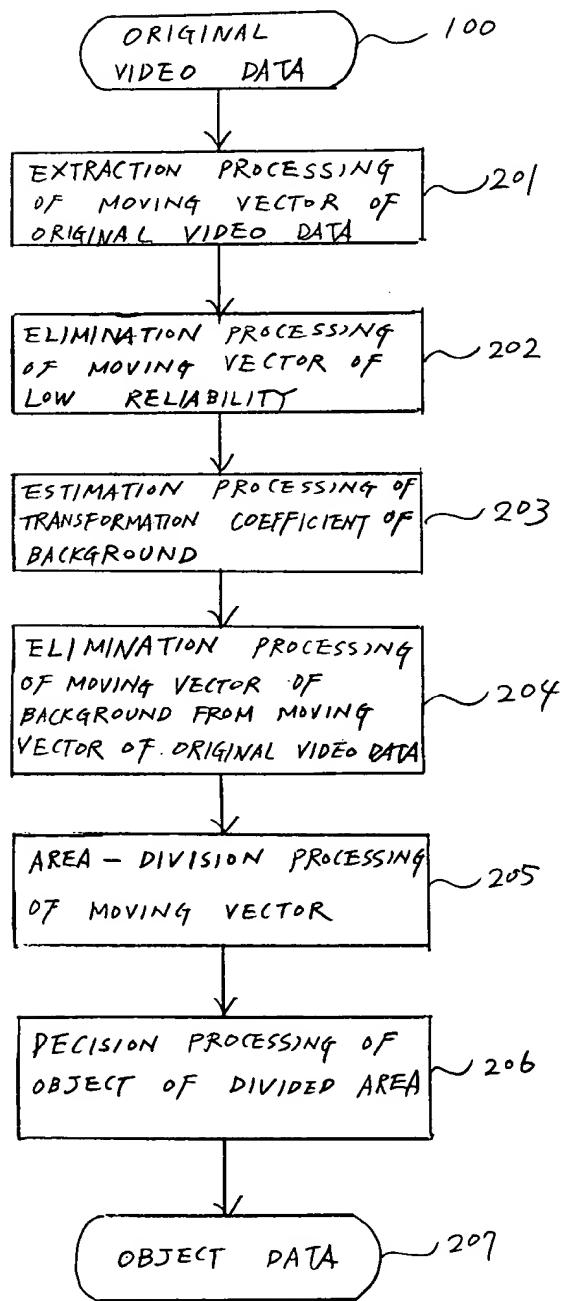


FIG. 2

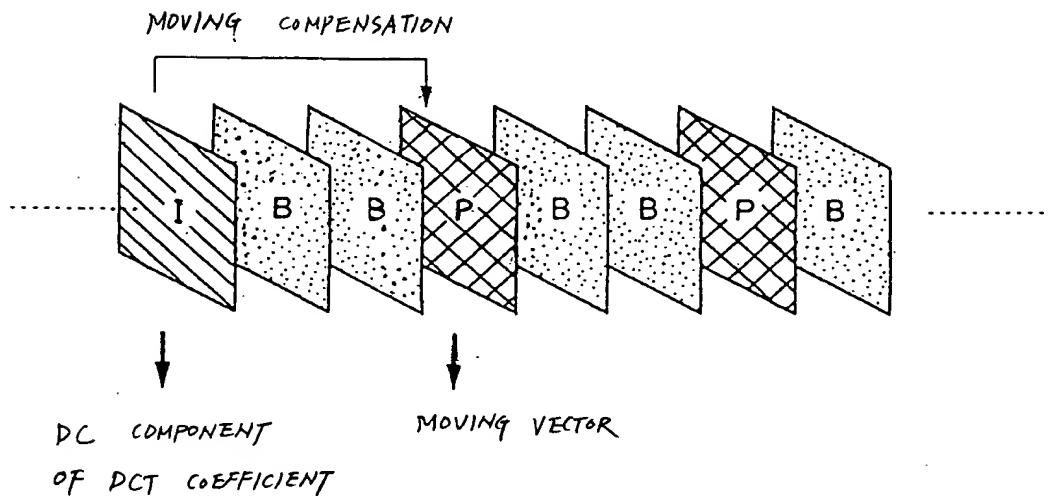


FIG. 3

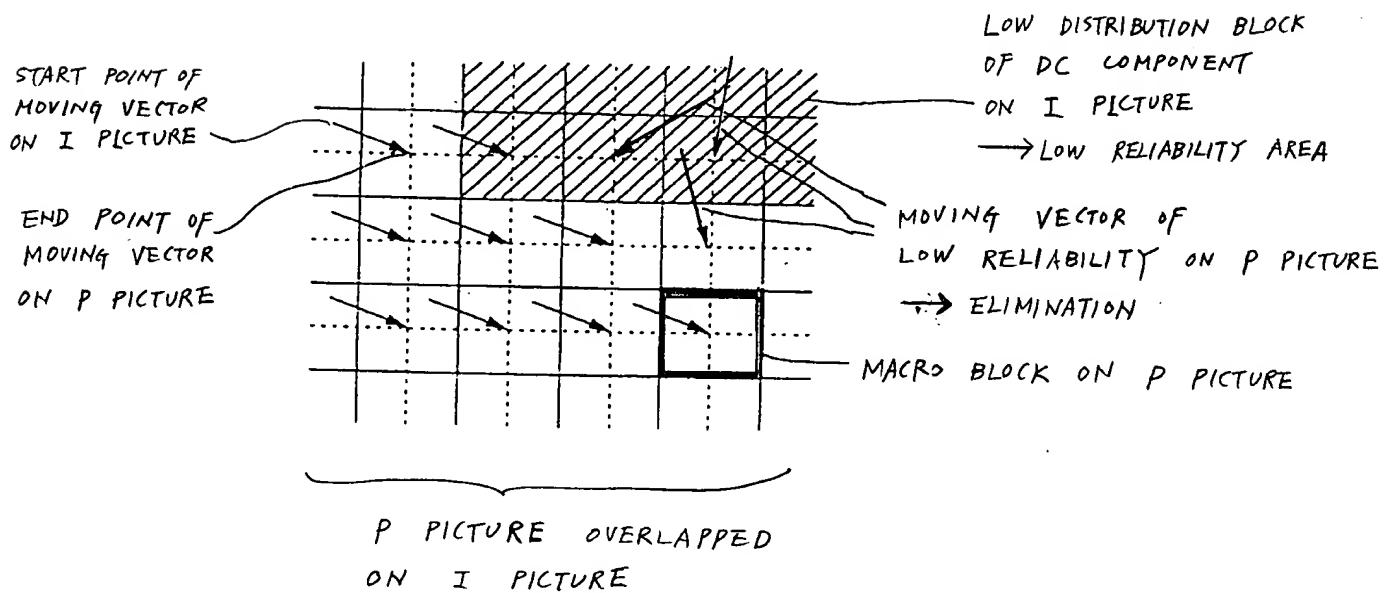


FIG. 4

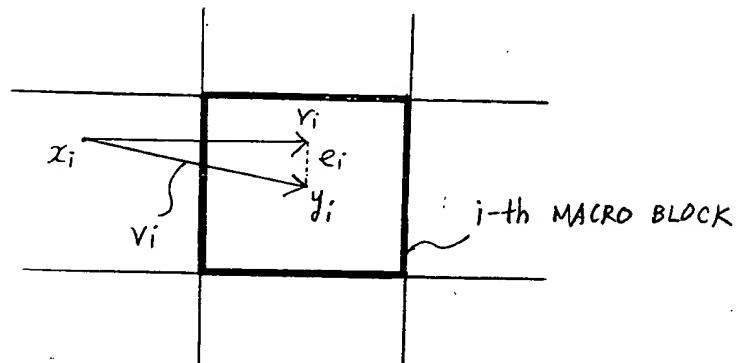


FIG. 5

FIGURE 5: A diagram showing a 2D coordinate system with a vertical  $x_i$  axis and a horizontal  $y_i$  axis. A point  $e_i$  is marked on the  $y_i$  axis. A vertical line labeled  $v_i$  is drawn from the  $x_i$  axis to the  $y_i$  axis at the position of  $e_i$ . A rectangular block, labeled "i-th MACRO BLOCK", is centered at  $e_i$  with its top edge aligned with the  $y_i$  axis and its bottom edge aligned with the  $x_i$  axis.

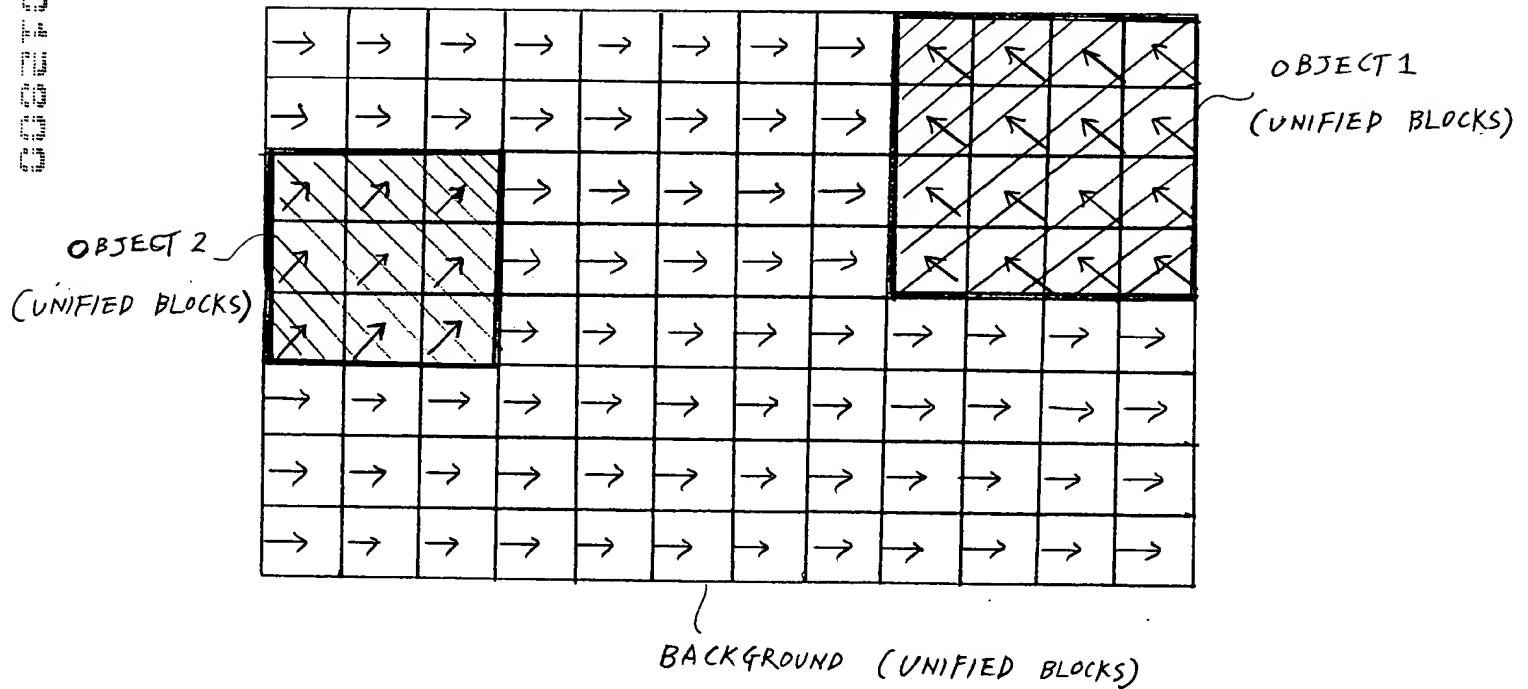


FIG. 7

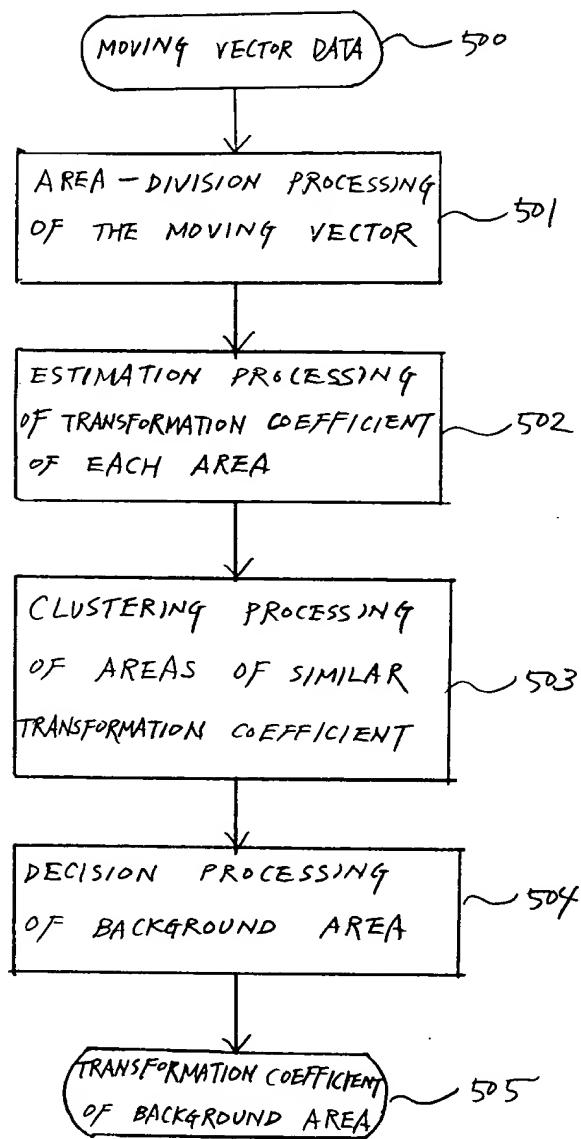


FIG. 6

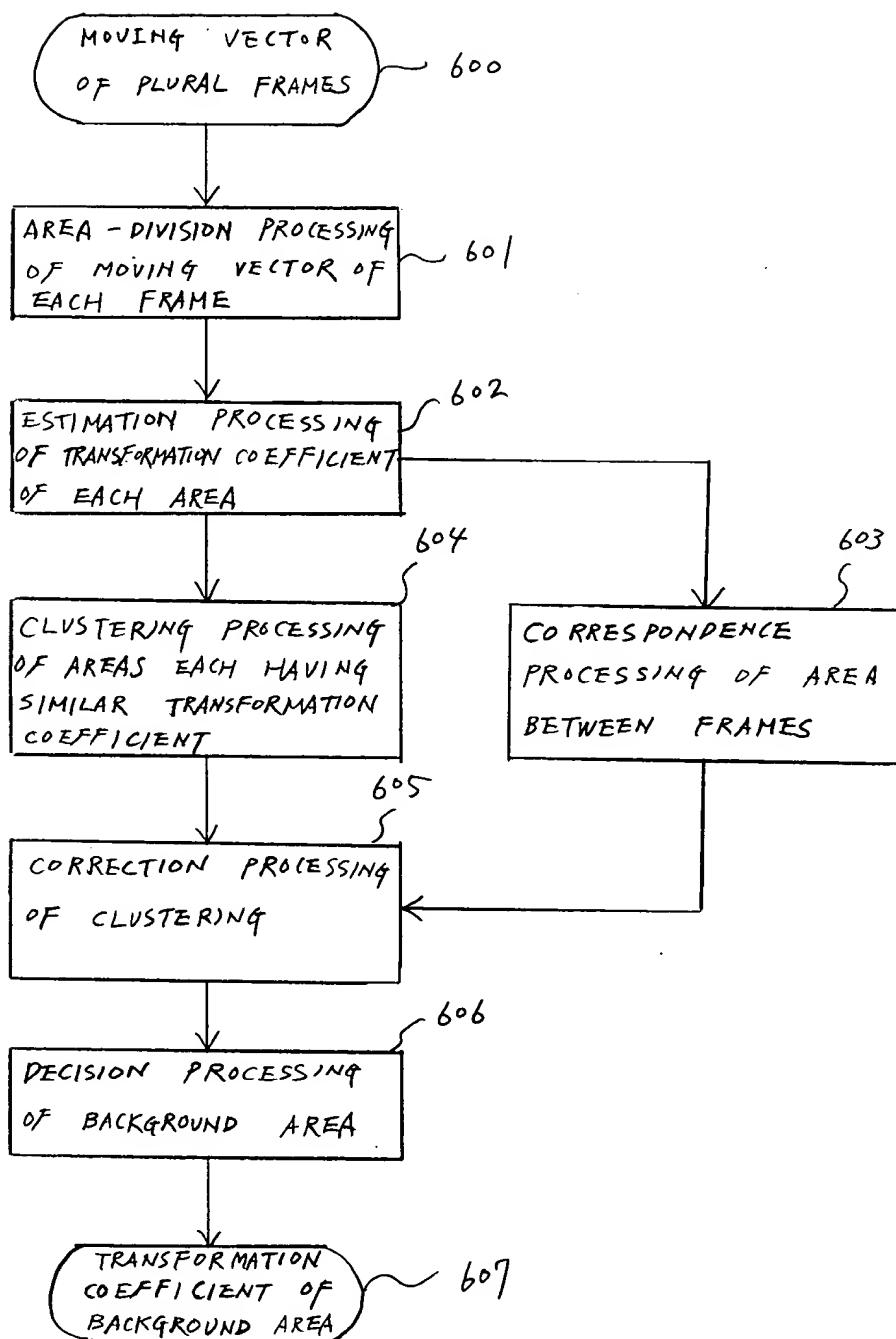


FIG. 8

FIG. 9A

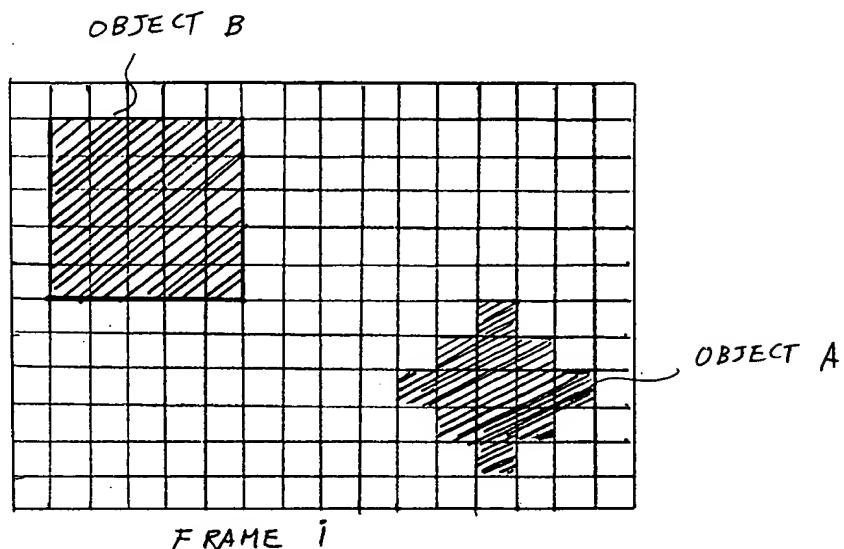


FIG. 9B

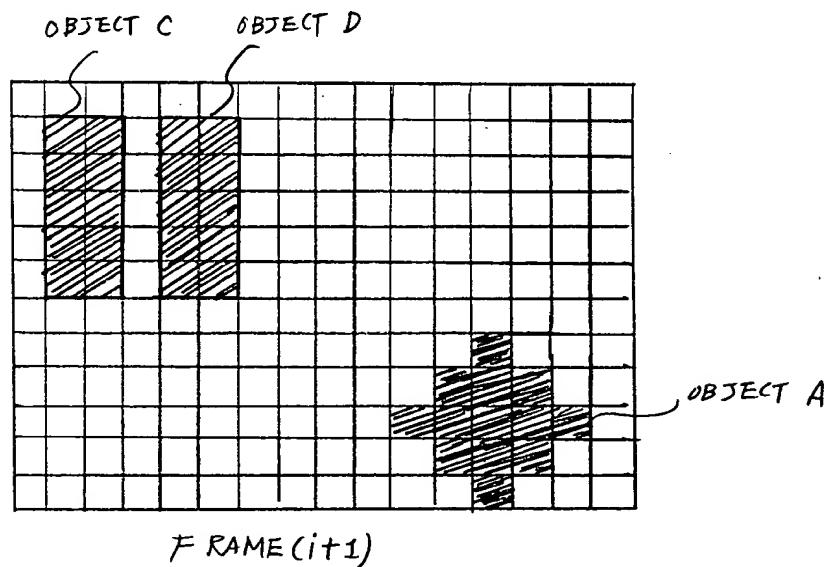
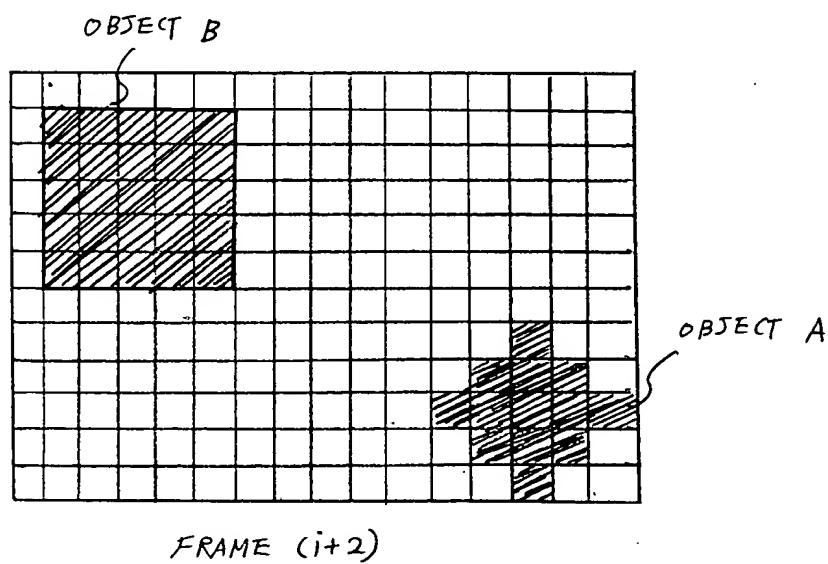


FIG. 9C



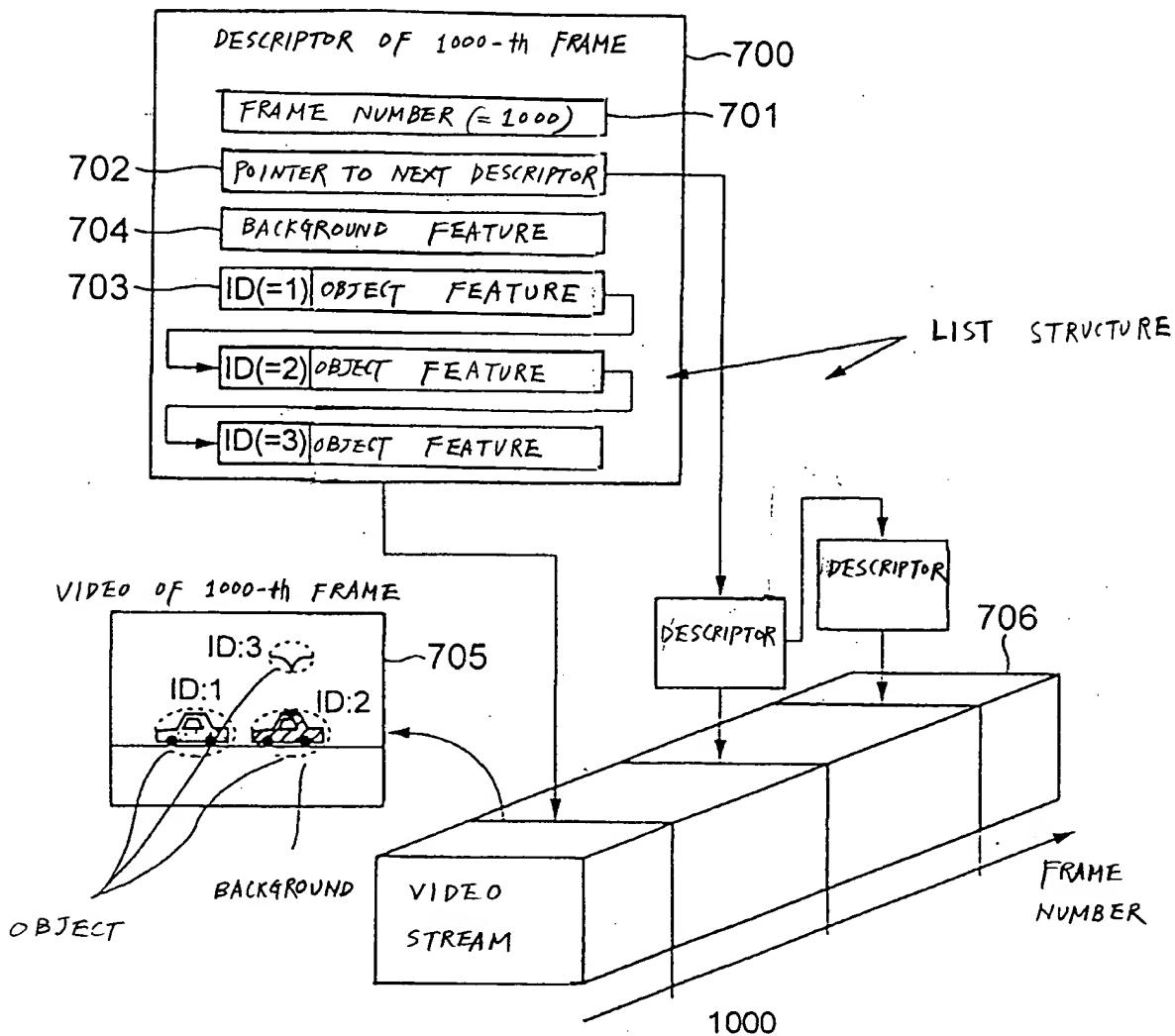


FIG. 10A

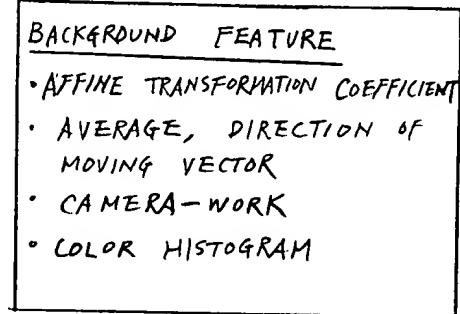
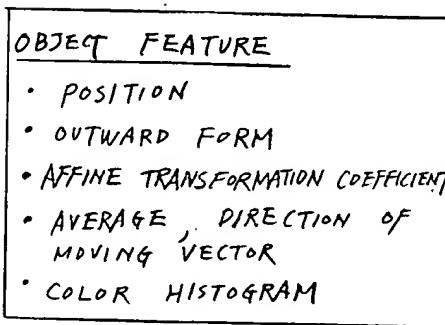


FIG. 10B

FIG. 10C

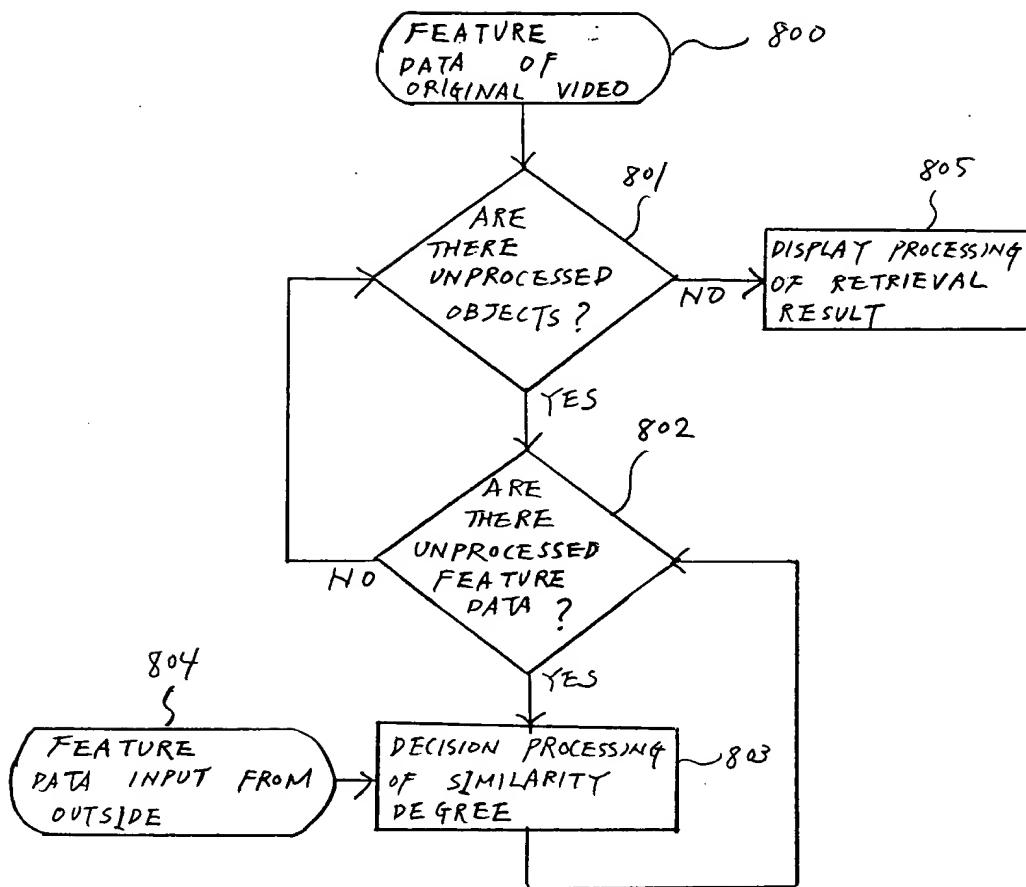


FIG. 11

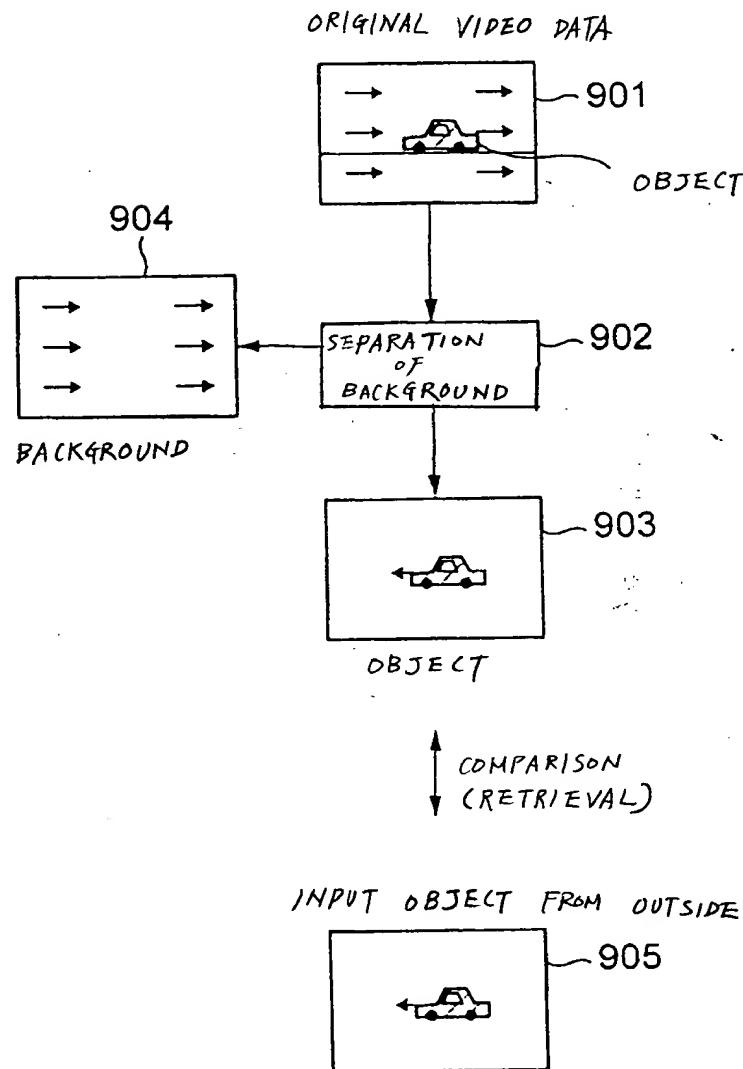


FIG. 12

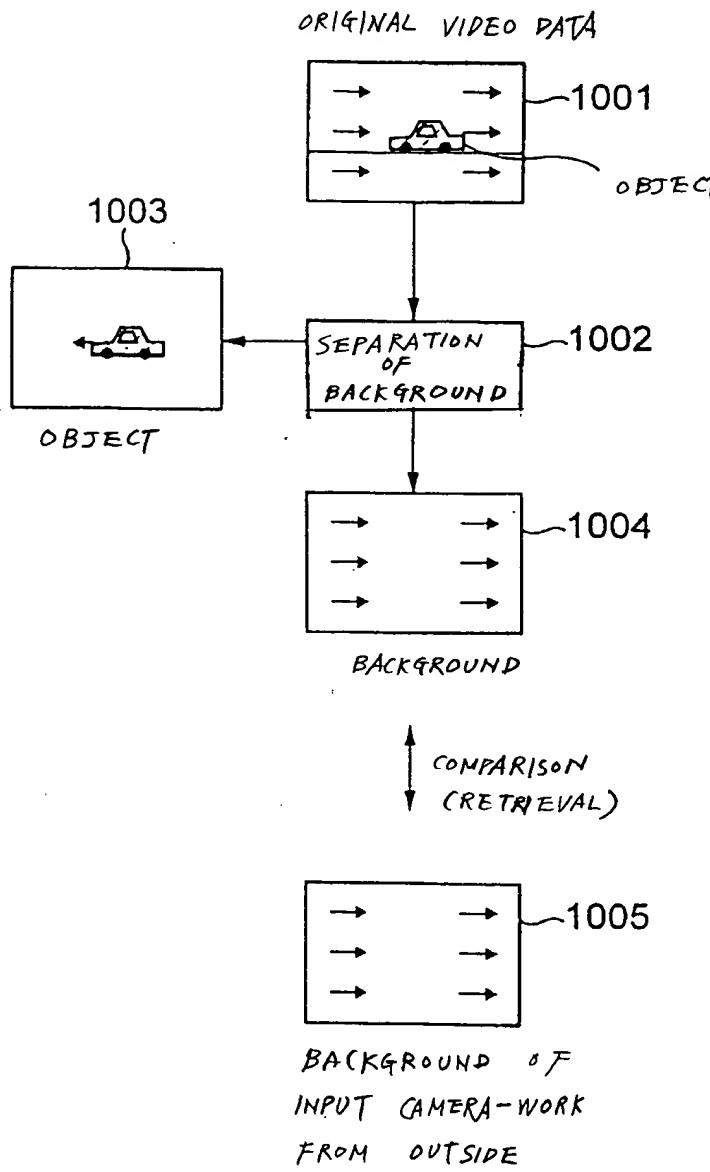


FIG. 13

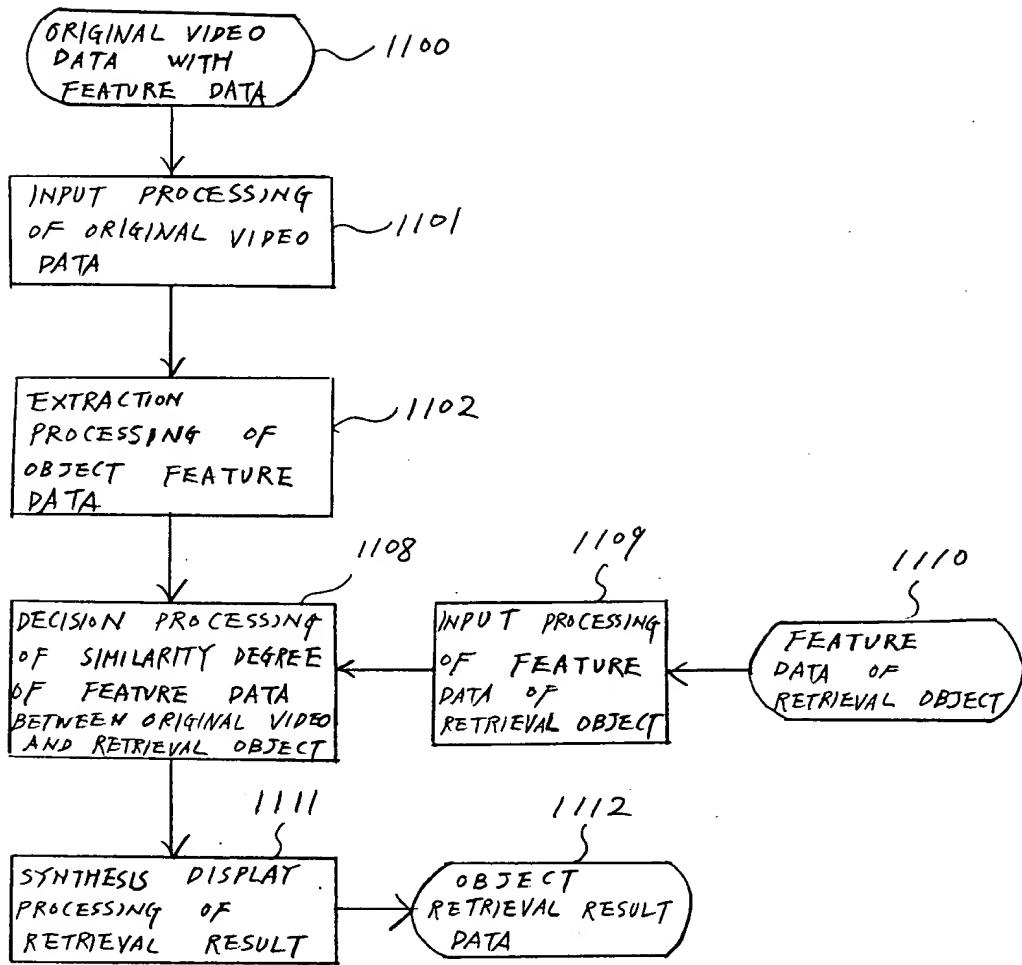


FIG. 14

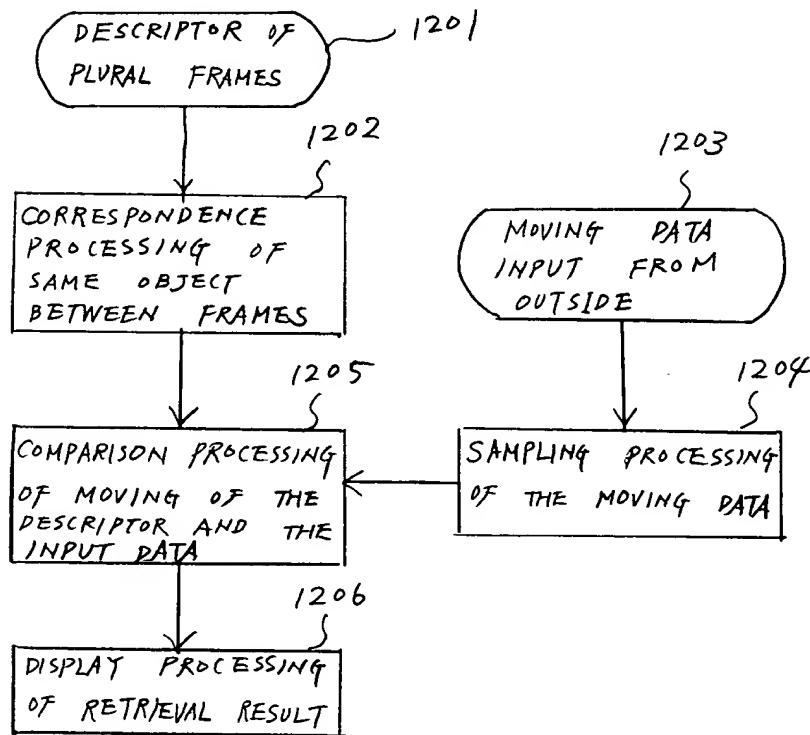


FIG. 15

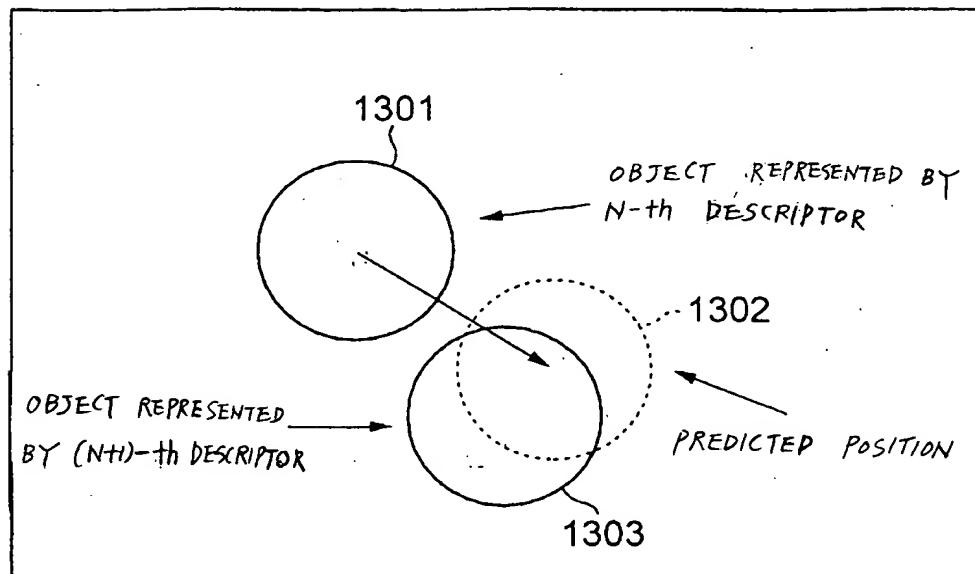


FIG. 16

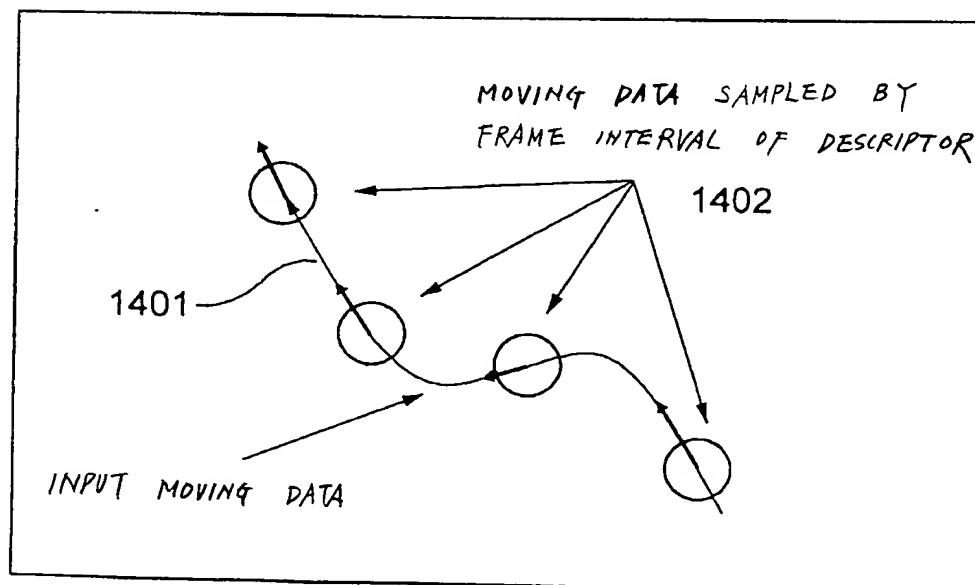


FIG. 17